

CLAIMS:

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- 5 1. A method of screening for compounds which inhibit the proliferation of cells, the method comprising determining the ability of a putative compound to inhibit induction of Egr-1, decrease expression of Egr-1 or decrease the nuclear accumulation or activity of the Egr-1 gene product.
- 10 2. A method as claimed in claim 1, wherein the method is performed *in vitro*.
3. A method as claimed in claim 1 or claim 2, wherein the cells are selected from the group consisting of vascular cells, smooth muscle cells, endothelial cells and neoplasia cells.
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